Patent

Attorney's Docket No. 032481-021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
)
Patel)
) Group Art Unit: 2899
)
Application No.: 09/687,777) Examiner: Unassigned
)
Filed: October 13, 2000) Confirmation No.: 1065
)
For: JAVA HARDWARE ACCELERATOR)
       USING MICROCODE ENGINE)

AMENDMENT/REPLY TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is a preliminary amendment for the above-identified patent application.

[ ] A Petition for Extension of Time is also enclosed.

[ ] A Terminal Disclaimer and a check for [ ] $55.00 (2814) [ ] $110.00 (1814) to cover the requisite Government fee are also enclosed.

[ ] Also enclosed is _____ .

[ ] Small entity status is hereby claimed.

[ ] Applicant(s) request continued examination under 37 C.F.R. § 1.114 and enclose the [ ] $375.00 (2801) [ ] $750.00 (1801) fee due under 37 C.F.R. § 1.17(e).

  [ ] Applicant(s) previously submitted ___, on ___, for which continued examination is requested.

[ ] Applicant(s) request suspension of action by the Office until at least _, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.

[ ] A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (146/246) is also enclosed.

[ ] No additional claim fee is required.

[X] An additional claim fee is required, and is calculated as shown below:

(10/02)

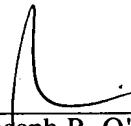| AMENDED CLAIMS					
	NO. OF CLAIMS	HIGHEST NO. OF CLAIMS PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	ADDT'L FEE
Total Claims	126	MINUS 59 =	679	× $18.00 (1202) =	1,206.00
Independent Claims	37	MINUS 20 =	17	× $84.00 (1201) =	1,428.00
If Amendment adds multiple dependent claims, add $280.00 (1203)					280.00
Total Amendment Fee					2,914.00
If small entity status is claimed, subtract 50% of Total Amendment Fee					1,457.00
TOTAL ADDITIONAL FEE DUE FOR THIS AMENDMENT					$1,457.00

[X] A claim fee in the amount of $ 1,457.00   is enclosed.

[ ] Charge $_____ to Deposit Account No. 02-4800.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R.

§§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:_____

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Date: January 17, 2003

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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the subject application as follows:

IN THE CLAIMS:

PLEASE ADD THE FOLLOWING CLAIMS:

63.   A system comprising;

a first unit adapted to execute register-based instructions;

a hardware unit associated with the first unit, the hardware unit adapted to decode

stack-based instructions, store operands for stack based instructions in the first units

register file wherein an underflow or overflow indication is produced for the portion of the

operand stack stored in the register file; the hardware unit causing execution of the stack

based instructions by the first unit's execution unit.